

Instructions: This file was used to test the revised definitions of `\longTitleText`, `\shortTitleText`, and `\selectVersion`. This file has 5 versions, `\numVersions{5}`; however, not every problem has this number of versions, some have 2, other have 3 or 4. When you specify a value of `\forVersion`, and each problem has a `\selectVersion`, `eqexam` will perform modular arithmetic on the number of available versions of a problem, in this way each problem will be properly posed; consequently, when we say `\forVersion{e}`, we get version B for the first problem, version A for 2(a), and so on. Try compiling with other values for `\forVersion` (a–e).

Try compiling the document with the with the `vspacewithsolns` option

```
\usepackage[vspacewithsolns.pointsonleft,nototals,forpaper,useforms]{eqexam}
```

The solutions appear at the end of the document, note the solutions match to the version selected for the question. This required a little trick with the solutions file, and requires the `exerquiz` package dated 2009/10/05 or later, if one of the pdf options is used ([pdf](#), [links](#), [online](#), [email](#)).

After you have exhausted yourself, try using the `obeylocalversions` option, for this to work correctly, you need to comment out the `\forVersion` specification in the preamble. Go through the file and select one of the versions, by specifying the first argument of the `\selectVersion` command.

Another feature, apropos to the `obeylocalversions` option is the optional argument of `\longTitleText` and `\shortTitleText`. If you say `\longTitleText[b]`, the second title is selected for display in the document; similarly, for `\shortTitleText`. The optional argument can also be used when `obeylocalversions`, and the version is set by `\forVersion`.

(5^{pts}) 1. `\selectVersion{}{3}` This problem is version B of 3.

(2^{pts}_{ea.}) 2. Multi-part question.

(a) `\selectVersion{}{4}` This is problem, version A of 4.

(b) `\selectVersion{}{3}` This is a problem, version B of 3. This is version B

We insert a new page command so we can see the shortened titles on the next page to verify that the new system of title management is working correctly.

Problem 2 continued

- (c) \selectVersion{}{5} This is a problem, version E of 5. This is version E
- (d) \selectVersion{}{4} This is a problem, version A of 4. This is A